

- (A) PAYMENT FOR NO. 4 MANHOLE SHALL INCLUDE THE COST OF THE ECCENTRIC SPUR, ADDITIONAL PIPE REINFORCING, CONCRETE BACKING AND BEDDING, TOE HOLES, STEPS, RISER AND CONE SECTIONS, GRADE RINGS AND CASTINGS. NO DEDUCTION WILL BE MADE IN THE PIPE MEASUREMENT.
- B BEDDING SHALL BE AS SHOWN ON PLAN FOR
- © MANHOLES ON PIPE LARGER THAN 96" DIAMETER WILL BE INDIVIDUALLY DESIGNED.
- D PRECAST MANHOLES SHALL BE COATED IN ACCORDANCE WITH 706.03(PIPE SECTIONS) AND 706.13(RISER SECTIONS) ON SANITARY SEWER.
- (E) OPENINGS IN TEE OR RISER SECTION FOR MAIN SEWER PIPES SHALL BE PREFABRICATED WHEN THE UNIT IS CAST TO MEET PROJECT REQUIREMENTS. OPENINGS FOR INLET CONNECTIONS MAY BE PREFABRICATED OR CORED IN THE FIELD. THE PIPE MUST BE PLACED OR TRIMMED SO IT DOES NOT PROJECT INTO THE MANHOLE. NO PIPES ARE TO ENTER THE MANHOLE THRU THE STEP AREA.

PIPE DIAMETER	MANHOLE
60" 66" 72" 78" 84"	MH-4A MH-4B MH-4C MH-4D MH-4E MH-4F
96"	MH-4G

DO NOT SCALE - USE DIMENSIONS ONLY

CITY OF AKRON BUREAU OF ENGINEERING CONSTRUCTION STANDARD DWG. No. MH-4

SANITARY OR STORM SEWER 60"-96"DIAMETER REINFORCED CONCRETE PIPE WITH 48"

CONSTRUCTION DIVISION CONCRETE PIPE WITH 48"

ECCENTRIC TEE

MATAGER, CONSTRUCTION DIVISION PLANE STORM SEWER 15, 2009

MANAGER, CONSTRUCTION DIVISION REVISIONS DECEMBER 16, 2009

REVISIONS: DECEMBER 16, 2009